

Spinnaker: 7000926 Mike Frers 33 sym spinnakerV2.des

Design Info
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Design File:
\\NAS\Engineering files\Queenie-Customer Order\Fareast Sails\2023 Order\Need to be Confirmed\7000926 Mike\7000

Initial Design Date: 6/10/2023
Boat:

Comments:

Client:

Design Data
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Spinnaker

Measurements

Leech length (SLE): 13.170m
Foot length (SFL): 7.087m
Headboard Width: 0.005m
Maximum width (38.9%): 7.368m
Three-quarter width: 4.967m
Half width (SHW): 7.297m
Quarter width: 7.297m
Foot median: 14.344m
ORC Spinnaker Area: 79.628m?
IRC Spinnaker Area: 79.310m?
Surface Area: 84.742m?
Hoist height: 13.716m
Pole Length: 4.063m

Luff Curve

15.500m, 0.000m
11.625m, 0.000m
7.750m, 0.000m
3.875m, 0.000m
0.000m, 0.000m

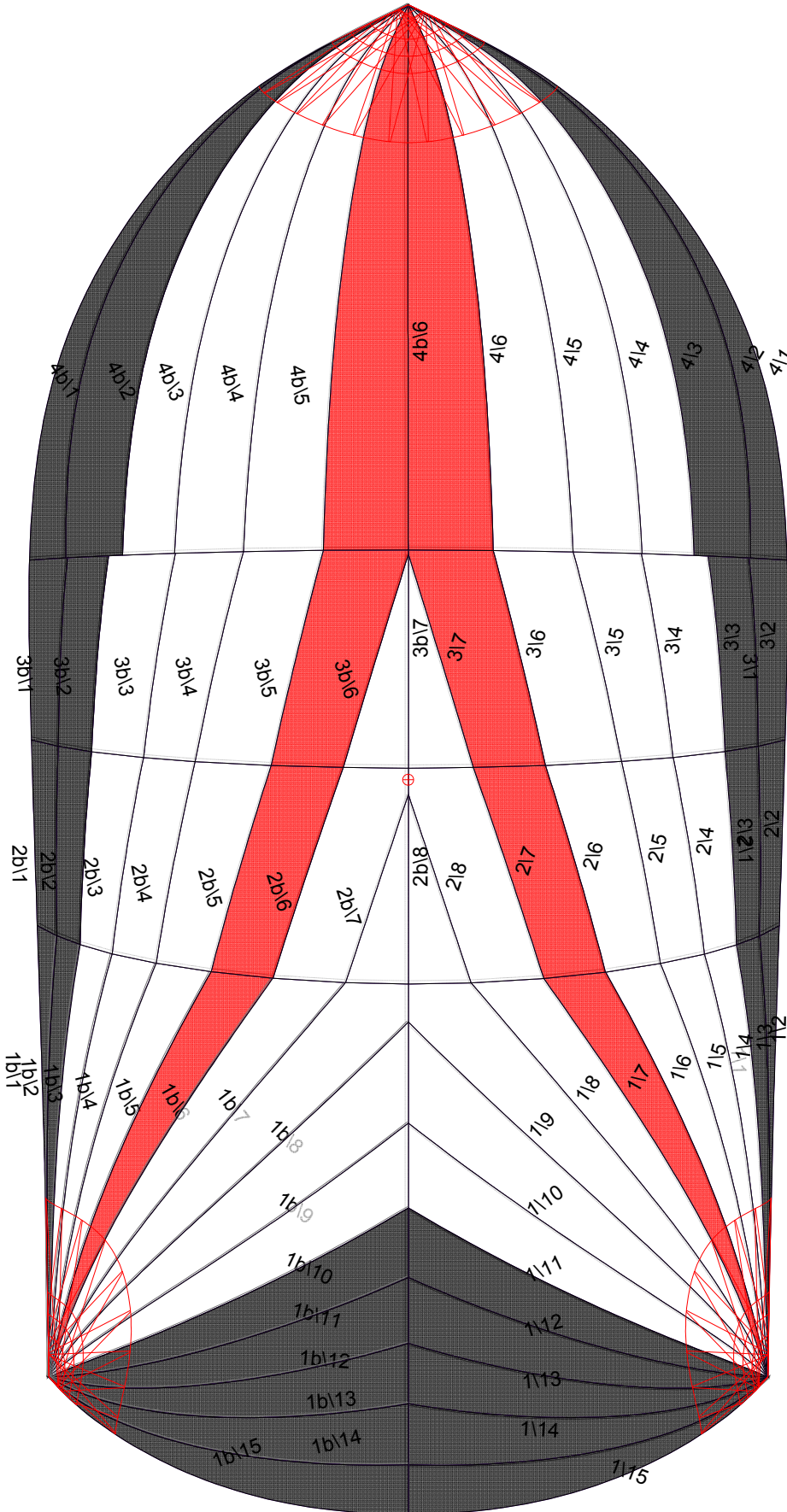
Fanned Luff (@ 5.00% [0.290m])

100% (3.876m) : -0.000m
113% (4.399m) : 1.094m
136% (5.261m) : 2.816m
164% (6.356m) : 3.960m
123% (4.767m) : 3.169m
102% (3.955m) : 1.510m
84% (3.253m) : 2.240m
54% (2.096m) : 2.632m
32% (1.246m) : 1.884m
17% (0.671m) : 0.972m
0% (0.000m) : 0.000m

Before BSeam

-0.000m
2.350m
2.792m
2.884m
2.682m
2.323m
1.906m
1.454m
0.978m
0.495m
0.000m

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Seam Allowances

Zone:	Split	Radial	Cross
Zone: 1/a	0.025m	0.013m	0.025m
Zone: 1/b	0.025m	0.013m	0.025m
Zone: 2/a	0.025m	0.013m	0.025m
Zone: 2/b	0.025m	0.013m	0.025m
Zone: 3/a	0.025m	0.013m	0.025m
Zone: 3/b	0.025m	0.013m	0.025m
Zone: 4/a	0.025m	0.013m	0.025m
Zone: 4/b	0.025m	0.013m	0.025m

Edge Excesses

Sail:	Luff	Leech	Foot
	0.000m	0.000m	0.000m

Total Seam Lengths (m)

Horizontal	21.95
Radial/Vertical	227.74
Bi-Radial Split	14.61

Materials

Material	Area (m ²)	Panels
white	46.69	1\3,1\4,1\5,1\7,1\8 1\9,1\10,1b\3,1b\4,1b\5 1b\7,1b\8,1b\9,1b\10,2\3 2\4,2\5,2\7,2\8,2b\8 2b\7,2b\5,2b\4,2b\3,3\3 3\4,3\5,3\7,3b\7,3b\5 3b\4,3b\3,4\3,4\4,4\5 4b\5,4b\4,4b\3
black	26.33	1\1,1\2,1\11,1\12,1\13 1\14,1\15,1b\1,1b\2,1b\11 1b\12,1b\13,1b\14,1b\15,2\1 2\2,2b\2,2b\1,3\1,3\2 3b\2,3b\1,4\1,4\2,4b\2 4b\1
red	11.62	1\6,1b\6,2\6,2b\6,3\6 3b\6,4\6,4b\6